

出國報告

美國微生物協會 2015 年會參加心得

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摘要

美國微生物學會舉辦的年會，今年是第 115 屆 (115th General Meeting of American Society for Microbiology)，於 5 月 30 日至 6 月 2 日在美國紐奧良舉行。為期四天的議程中，包含主題豐富的 workshops、專題研討會、論文海報發表及業界廠商展示。專題研討的內容多元，囊括基礎研究、臨床應用甚至是實驗室管理層面：例如微生物病原與宿主交互作用、微生物致病機致、細菌抗藥性機制及現行抗藥性檢測方法的討論、流行病學分析及臨床案例分享、公衛或臨床檢驗實驗室建立等。今年有幸參與這個學術界的年度盛事，以壁報發表本所關於沙門氏菌致病力相關研究，題目是「The Arginine at Residue 7 of FimY is Required for Type 1 Fimbrial Expression in *Salmonella enterica* Serovar Typhimurium」。與來自世界各地、不同領域的研究者齊聚一堂，分享各自的研究成果，有助開闊研究視野。

Report on Attendance of the 115th General Meeting of American Society for Microbiology

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Abstract

In 2015, the 115th General Meeting of the American Society for Microbiology held at the New Orleans Ernest N. Morial Convention Center, during May 30th to June 2nd. The four-day meeting showcased the central role of microbes in the biosphere by communicating today's cutting edge science in the diverse areas of microbiology through a wide range of interactive workshops, scientific sessions, poster sessions, and networking events. The scientific sessions provided informative and plentiful issues such as, pathogen-host interactions, diagnostic microbiology, epidemiology, and laboratory establishment for microbial research. It was a pleasure as an attendee of this grand occasion, to present our study of bacterial pathogenicity by poster: The arginine at residue 7 of FimY is required for type 1 fimbrial expression in *Salmonella enterica* serovar Typhimurium. Learning by connecting and discussing with researchers all around the world was the great inspirational experience in this meeting.